

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, 10 SHS
(207) 287-5672 FAX (207) 287-3165

PROPERTY LOCATION		>> Caution: Permit Required -- Attach in Space Below <<	
City, Town, & Plantation	LAMOINE	Town/City	LAMOINE
Street or Road	WALKER ROAD	Permit #	1723
Subdivision, Lot #		Date Permit Issued	12/17/13
		Fee: \$	250
		Double Fee Charged	()
		Local Plumbing Inspector Signature	<i>[Signature]</i>
		L.P.I. #	1040
		Owner	Town
		State	
OWNER/APPLICANT INFORMATION		The Subsurface Wastewater Disposal System shall not be installed until a Permit is issued by the Local Plumbing Inspector. The Permit shall authorize the owner or installer to install the disposal system in accordance with this application and the Maine Subsurface Wastewater Disposal Rules.	
Name (last, first, MI)	COMOLLI, BRUCE		
Mailing Address of	3 GLENN DRIVE		
	TOLLAND, CT 06084		
Daytime Tel. #	(860) 871-0761	Municipal Tax Map #	4
		Lot #	3
Owner or Applicant Statement		Caution: Inspection Required	
I state that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a permit.		I have inspected the installation authorized above and found it to be in compliance with Subsurface Wastewater Disposal Rules Application.	
Signature of Owner or Applicant: <i>[Signature]</i> Date: 12/12/2013		Local Plumbing Inspector Signature: _____ (1st Date Approved) _____ (2nd Date Approved) _____	

PERMIT INFORMATION		
TYPE OF APPLICATION 1. <input checked="" type="checkbox"/> First Time System 2. <input type="checkbox"/> Replacement System Type Replaced: _____ Year Installed: _____ <input type="checkbox"/> Expanded System a. <input type="checkbox"/> Minor Expansion b. <input type="checkbox"/> Major Expansion 4. <input type="checkbox"/> Experimental System 5. <input type="checkbox"/> Seasonal Conversion	THIS APPLICATION REQUIRES 1. <input checked="" type="checkbox"/> No Rule Variance 2. <input type="checkbox"/> First Time System Variance a. <input type="checkbox"/> Local Plumbing Inspector Approval b. <input type="checkbox"/> State & Local Plumbing Inspector Approval 3. <input type="checkbox"/> Replacement System Variance a. <input type="checkbox"/> Local Plumbing Inspector Approval b. <input type="checkbox"/> State & Local Plumbing Inspector Approval 4. <input type="checkbox"/> Minimum Lot Size Variance 5. <input type="checkbox"/> Seasonal Conversion Permit DISPOSAL SYSTEM TO SERVE 1. <input checked="" type="checkbox"/> Single Family Dwelling Unit, No. of Bedrooms: 3 2. <input type="checkbox"/> Multiple Family Dwelling, No. of Units: _____ 3. <input type="checkbox"/> Other: (SPECIFY) _____ Current Use: <input type="checkbox"/> Seasonal <input type="checkbox"/> Year Round <input checked="" type="checkbox"/> Undeveloped	DISPOSAL SYSTEM COMPONENT(S) 1. <input checked="" type="checkbox"/> Complete Non-engineered System 2. <input type="checkbox"/> Primitive System (graywater & alt. toilet) 3. <input type="checkbox"/> Alternative Toilet, specify: _____ 4. <input type="checkbox"/> Non-engineered Treatment Tank (only) 5. <input type="checkbox"/> Holding Tank, _____ gallons 6. <input type="checkbox"/> Non-engineered Disposal Field (only) 7. <input type="checkbox"/> Separated Laundry System 8. <input type="checkbox"/> Complete Engineered System (2000 gpd or more) 9. <input type="checkbox"/> Engineered Treatment Tank (only) 10. <input type="checkbox"/> Engineered Disposal Field (only) 11. <input type="checkbox"/> Pre-treatment, specify: _____ 12. <input type="checkbox"/> Miscellaneous components TYPE OF WATER SUPPLY 1. <input type="checkbox"/> Drilled Well 2. <input checked="" type="checkbox"/> Dug Well 3. <input type="checkbox"/> Private 4. <input type="checkbox"/> Public 5. <input type="checkbox"/> Other: _____
SIZE OF PROPERTY _____ sq. ft. 6/10 acres		
SHORELAND ZONING <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)			
TREATMENT TANK 1. <input checked="" type="checkbox"/> Concrete a. <input checked="" type="checkbox"/> Regular b. <input type="checkbox"/> Low Profile c. <input type="checkbox"/> With in-tank lift station 2. <input type="checkbox"/> Plastic 3. <input type="checkbox"/> Other: _____ CAPACITY 1000 gallons	DISPOSAL FIELD TYPE & SIZE 1. <input type="checkbox"/> Stone Bed 2. <input type="checkbox"/> Stone Trench 3. <input checked="" type="checkbox"/> Proprietary Device: 10 END FEED CONCRETE CHAMBERS a. <input type="checkbox"/> Cluster Array c. <input checked="" type="checkbox"/> Linear b. <input checked="" type="checkbox"/> Regular load d. <input type="checkbox"/> H-20 load 4. <input type="checkbox"/> Other: _____ SIZE 940 sq. ft.	GARBAGE DISPOSAL UNIT 1. <input checked="" type="checkbox"/> No 3. <input type="checkbox"/> Maybe 2. <input type="checkbox"/> Yes >> Specify one below: a. <input type="checkbox"/> Multi-compartment Tank b. <input type="checkbox"/> Tanks in Series c. <input type="checkbox"/> Increase in Tank Capacity d. <input type="checkbox"/> Filter on Tank Outlet	DESIGN FLOW 270 gallons per day BASED ON 1. <input checked="" type="checkbox"/> Table 501.1 (dwelling unit(s)) 2. <input type="checkbox"/> Table 501.2 (other facilities) SHOW CALCULATIONS for other facilities
SOIL DATA & DESIGN CLASS PROFILE CONDITION DESIGN 3, C, 1, 1 at Observation Hole # 1 Depth 17" OF MOST LIMITING SOIL FACTOR	DISPOSAL FIELD SIZING 1. <input type="checkbox"/> Small -- 2.0 sq. ft./gpd 2. <input type="checkbox"/> Medium -- 2.6 sq. ft./gpd 3. <input checked="" type="checkbox"/> Medium-Large -- 3.3 sq. ft./gpd 4. <input type="checkbox"/> Large -- 4.1 sq. ft./gpd 5. <input type="checkbox"/> Extra Large -- 5.0 sq. ft./gpd	PUMPING 1. <input checked="" type="checkbox"/> Not Required 2. <input type="checkbox"/> May be Required 3. <input type="checkbox"/> Required Specify only for engineered or experimental systems: DOSE _____ gallons	3. <input type="checkbox"/> Section 503.0 (meter readings) ATTACH WATER-METER RECORDS Lat. 44° 28' 26" N Lon. 68° 18' 35" W If g.p.s. state margin of error 30'±

SITE EVALUATOR STATEMENT			
I certify that on 9-4-09 (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241) Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.			
Site Evaluator Signature <i>[Signature]</i> WILLIAM A. LABELLE, JR.	319 SE# (207) 537-5900	Date 9-12-09 labelleseptic@rivah.net	UPDATED 11-3-13 W.A.L. Page 1 of 3 HHE-200 Rev. 8/09
Site Evaluator Name Printed	Telephone #	E-mail Address	

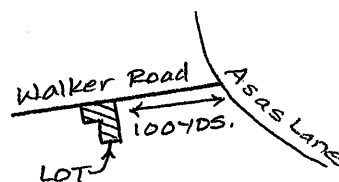
Department of Human Services
Division of Health Engineering
(207) 287-5672 FAX (207) 287-3165

Owner's Name

BRUCE COMOLLI

Scale 1" = 40 Ft.

SITE LOCATION PLAN
(Map from Maine Atlas
recommended)



(SEE ATTACHED SITE PLAN)

Observation Hole #1 ☒ Test Pit ☐ Boring
2 " Depth of Organic Horizon Above Mineral Soil

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0 - 10	SANDY	FRIABLE	DARK BROWN	N.E.
10 - 20	GRAVELLY	FRIABLE	YELLOW	N.E.
20 - 30	LOAM	FRIABLE	BROWN	FEW FAINT
30 - 50	FIRM	FIRM	BROWN	FEW FAINT

Observation Hole #2 ☒ Test Pit ☐ Boring
2 " Depth of Organic Horizon Above Mineral Soil :

	Texture	Consistency	Color	Mottling
0			DARK	
10	SANDY	FRIABLE	BROWN	N.E.
20	STONY LOAM	FIRM	YELLOW BROWN	FEW FAINT
30				
40				
50				

Soil Classification Slope Limiting Factor

3 C 6 % 20"

Profile Condition

☒ Ground Water
☐ Restrictive Layer
☐ Bedrock
☐ Pit Depth

Site Evaluator's Signature

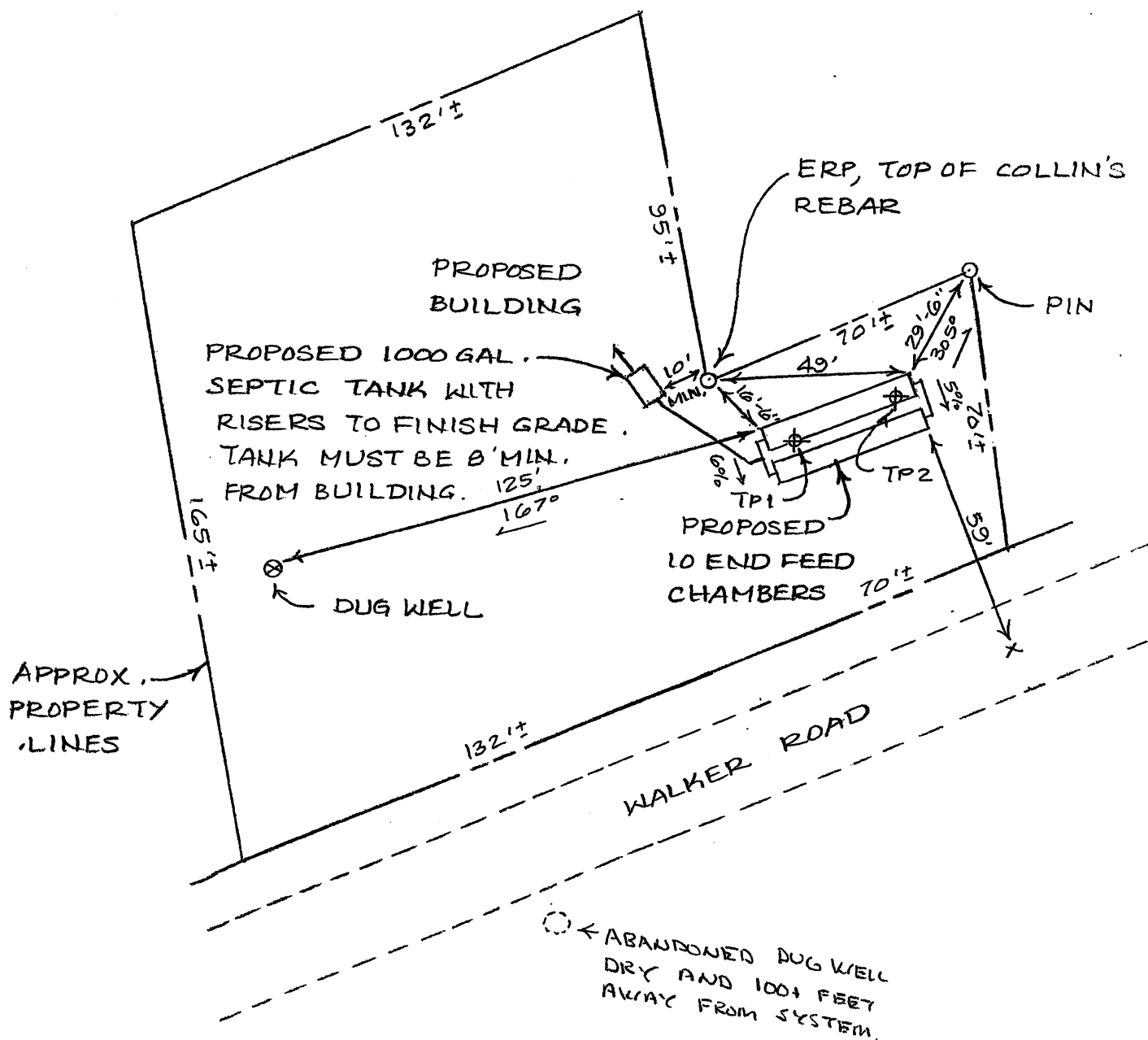
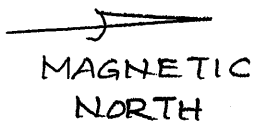
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S. E. #

9-12-09 11-3-13
Date

Town, City, Plantation LAMOINE	Street, Road, Subdivision WALKER ROAD	Owner's Name BRUCE COMOLLI
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SITE PLAN:

SCALE: 1" = 40 FT.



W. C. 2473

Site Evaluator's Signature

319

S.E. #

11-3-13

9-12-09

Date

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Town, City, Plantation

LAMOINE

Street, Road, Subdivision

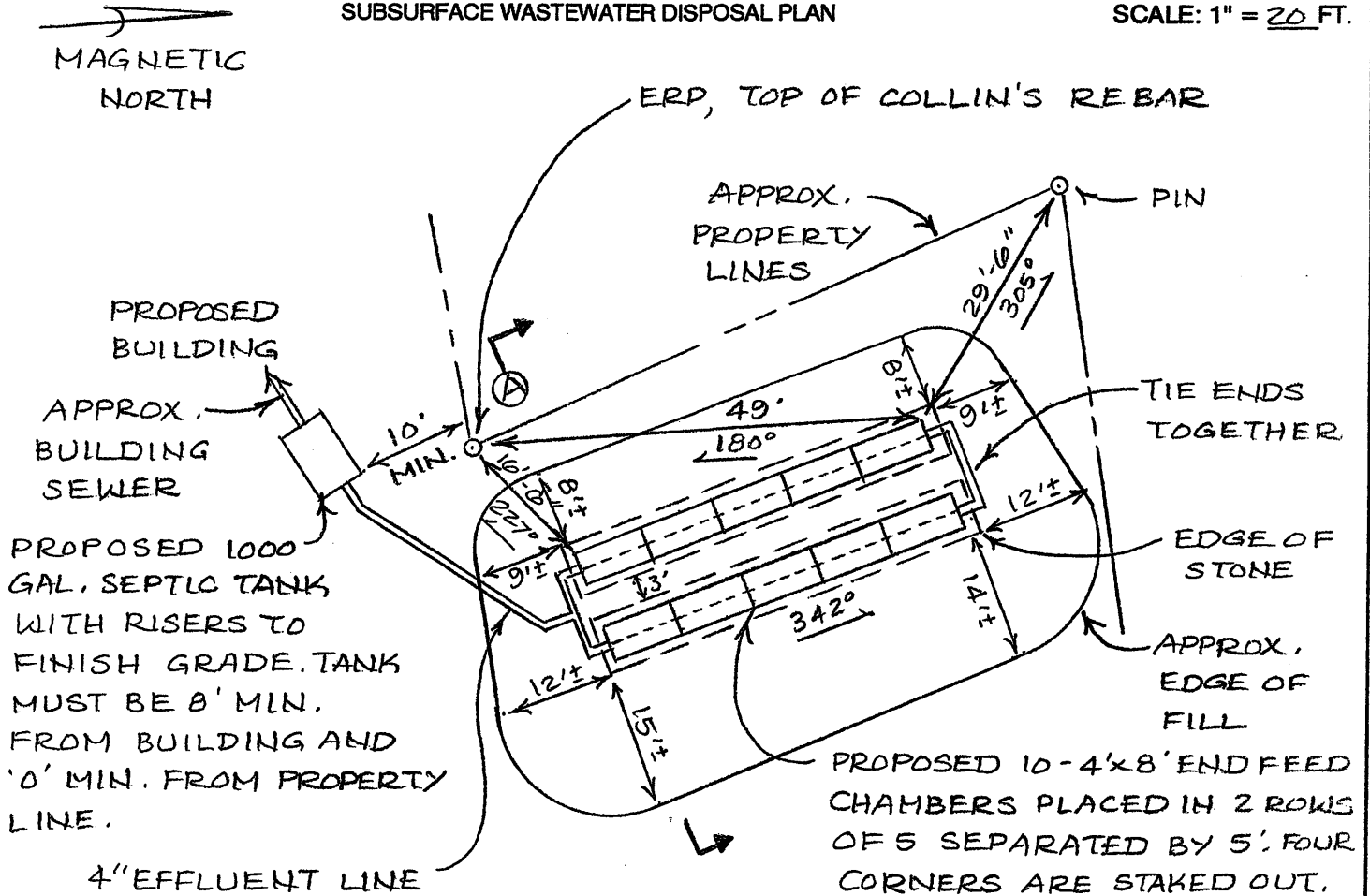
WALKER ROAD

Owner's Name

BRUCE COMOLLI

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE: 1" = 20 FT.



FILL REQUIREMENTS

Depth of Fill (Upslope) 18"

Depth of Fill (Downslope) 26"-27"

CONSTRUCTION ELEVATIONS

Finished Grade Elevation -16"

Top of Distribution Pipe or Proprietary Device -27"

Bottom of Disposal Area -40"

SYSTEM

-16"

-27"

-40"

PRIVY

N/A

ELEVATION REFERENCE POINT

Location & Description TOP OF COLLIN'S REBAR, 13 1/2"

ABOVE GROUND

Reference Elevation 0"

DISPOSAL AREA CROSS SECTION (SEE ATTACHED CROSS SECTION)

NOTES:

- TANK MUST BE 8' MINIMUM FROM BUILDING.
- FULL BASEMENT BELOW GRADE FOUNDATION, FROST WALL OR COLUMNS MUST BE 20' MINIMUM FROM STONE AROUND CHAMBERS AND SLAB ON GRADE MUST BE 15' MINIMUM FROM STONE AROUND CHAMBERS.
- GRADE SURROUNDING AREA TO DIVERT SURFACE WATER AWAY FROM SYSTEM.
- WELL TO BE 51' MINIMUM FROM SEPTIC TANKS AND 100' MINIMUM FROM DISPOSAL SYSTEM.
- ALL WORK DONE ADJACENT TO WETLANDS AND WATER BODIES MUST BE DONE IN COMPLIANCE WITH SECTION 11-M OF THE SUBSURFACE WASTEWATER DISPOSAL RULES; EROSION AND SEDIMENT CONTROL MEASURES MUST BE IN ACCORDANCE WITH THE MARCH 2003 EDITION OF THE MAINE DEP HANDBOOK "MAINE EROSION AND SEDIMENT CONTROL BMPs" (DEPLW0588).
- INSTALL SEPTIC TANK RISERS 18" IN DIAMETER "MINIMUM" TO WITHIN 6" OF FINISH GRADE ON INLET, CLEANOUT AND OUTLET COVERS (RECOMMEND EXTENDING RISERS TO FINISH GRADE); INSTALL RISER TO FINISH GRADE OF APPROPRIATE SIZE TO ALLOW PUMP REMOVAL ON ALL IN-TANK PUMP CHAMBERS AND SEPARATE PUMP TANKS.

W. J. 207

Site Evaluator's Signature

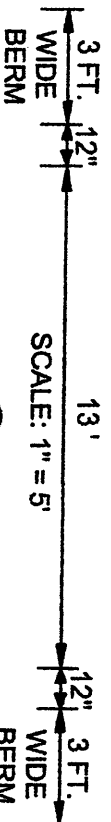
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S.E. #

9-12-09/11-3-13

Date

DISPOSAL AREA CROSS SECTION



(A)

FILL MATERIAL SHALL BE 8"-12" THICK OVER CHAMBERS AND SHALL BE GRAVELLY COARSE SAND TO THE STANDARDS IN SEC. 11-E IN THE SUBSURFACE RULES.

CROWN FINISH GRADE FROM CENTER AT 3% SLOPE

2" COMPRESSED HAY (OR FILTER FABRIC) SEC. 11-F RECOMMENDED OVER STONE AND CHAMBERS

THOROUGHLY MIX, DISK OR ROTO-TILL CLEAN, COARSE, SHARP SAND INTO TOP 4 INCHES OF ORIGINAL SOIL TO CREATE A TRANSITION ZONE, SEC. 11-B.

REMOVE VEGETATION AND SCARIFY ORIGINAL SOIL UNDER ENTIRE FILL AREA.

BOTTOM OF CHAMBERS MUST BE LEVEL WITH MAXIMUM GRADE TOLERANCE OF 2" PER 100'

Limiting Factor

12" CLEAN STONE, (3/4" - 2 1/2" DIA.), UNIFORM SIZE.

NOTE:

SYSTEM MUST BE INSTALLED ACCORDING TO THE RULES AND PRACTICES SET FORTH IN THE MOST CURRENT VERSION OF THE STATE OF MAINE SUBSURFACE WASTEWATER DISPOSAL RULES. INSTALLATION CONTRACTOR MUST BE FAMILIAR WITH SAID RULES AND CONSTRUCT SYSTEM IN FULL COMPLIANCE WITH SECTION 11 OF SAID RULES.

ELEVATIONS:

ELEV. REF. PT. (ERP):

0"

FINISHED GRADE:

-16"

TOP OF CHAMBERS:

-27"

BOTTOM OF CHAMBERS:

-40"

OWNER:

BRUCE COMOLI

LOCATION:

LAMOINE

WILLIAM A. LABELLE, JR.

S.E.#

DATE

W.A. Labelle, Jr.

319

9-12-09

11-3-13